

# SONY®

# HB-F9P

Hit Bit Home Computer



## HIT BIT

## MSX2

MSX2 is a registered trademark of ASCII Corporation.





# Sony's new HB-F9P Hit Bit. Now, MSX2 comes home to you.

**More memory, more colors, more sophisticated software—and more computing power than MSX has ever had before.**

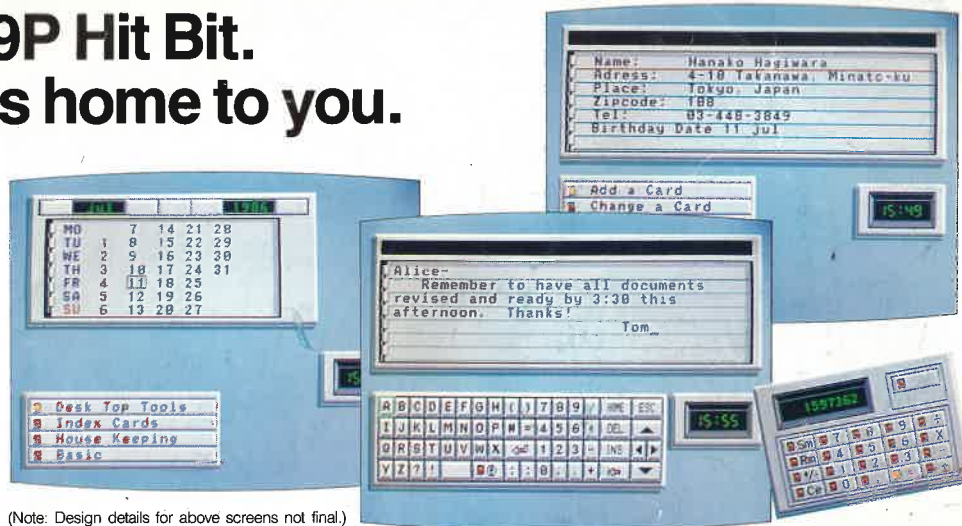
That's Sony's new HB-F9P, the latest in the affordable line of fine Sony MSX2 home computers. Now it's got 128K bytes of main memory—and it's got an even bigger advantage in its broad, new range of built-in software: programs that switch on with the computer, are stored permanently in its memory, and make Hit Bit a household helper and a home secretary in every sense.

## Four Built-in Software Packages

No disks, no cartridges, no tapes are needed. Just switch on your HB-F9P, and you get an instant on-screen menu for all of these handy programs:

- **Desk Tech**—A 10-key calculator, for all standard math operations on-screen. An electronic calendar that dates from 1980 all the way up to 2079. A timer unit, with automatic alarm that keeps you on schedule right down to the second.
- **Family Almanac**—Address Note, a handy electronic address book. Schedule Minder, with simulated appointment cards to keep you on track every day, all day. Weekly Schedule, with useful referencing to appointments in the longer-term future as well as the past. Message Board, which will post your reminders to others at home, school or office. And Family Data, a handy record system for the household, complete with search function.
- **Settings**—Make data and program loading, file retrieval and record management simpler, using Hit Bit's memory functions. Language choice lets you "talk" to and through your Hit Bit in your choice of English, French, Dutch or Italian.
- **MSX2 BASIC**—A simple programming language, so you can make your Hit Bit do exactly what you want it to.

All built-in Hit Bit software is displayable easily on any standard television set. So the HB-F9P goes easily to school, club, office—or any room in the house where there's a television!



(Note: Design details for above screens not final.)

## More Memory Equals More Computing Power

The 128K bytes of main memory we've built into this Hit Bit, of course, also mean that you can run such powerful, new, commercially available software packages as:

- **T/Maker IV**\*, the world-renowned, all-in-one business program with word processing, spreadsheet planning and data base;
- **Graphic Studio Pro**\*, which combines all the dazzling colors of MSX2 with special effects and on-screen drawing, thanks to a full 128K bytes of video RAM; plus
- **The Whole Family of MSX Software**—dozens of business, game, action and graphic programs that are available worldwide, and ready to run at the flip of a switch.

## Colorful Computing

MSX2 takes the famed compatibility of the global MSX computer, software and peripheral format into territory you've never experienced before. Not only does the HB-

F9P run all existing MSX programs, but it also delivers 128K bytes of Video RAM, for spectacular color effects that let you put up to 256 tones on-screen at one time. New and beautiful high-resolution graphics, displayable on a fine-pitch monitor with RGB output, bring out the computer artist in you.

Sony's added computing power also brings you a new, 80-characters-per-line screen display, handy for business programs. There are two cartridge-insertion slots for the exciting range of MSX action-adventure games, plus compatibility with an optional Micro Floppydisk drive that gives you all the off-line memory you'll need.

Tape cassette storage is also possible, for such programs as *Pasocalc*, the popular MSX business program that creates spreadsheet planning tools, and other game software.

\* Available exclusively on Micro Floppydisk; requires MSX Micro Floppydisk drive to run.

(Note: *T/Maker IV* is a registered trademark of T/Maker Company; *Graphic Studio Pro* ©1985 HAL LABORATORY/ Sony Corporation; *Pasocalc* published by TOKAI CREATE CO., LTD.)

## MSX and MSX2: Compatibility Plus

	MSX	MSX2
ROM memory	32K bytes	48K bytes
RAM memory	8K bytes (minimum)	64K bytes (minimum)
Video RAM	16K bytes	64 or 128K bytes
Text display	40 characters x 24 lines	80 characters x 24 lines
Graphic resolution	256 x 192 dots	512 x 212 dots
Colors	16	16/512 or 256
Printer interface	All MSX	All MSX
Disk drive format	unspecified	3.5-inch Micro Floppydisk
Software compatibility	All MSX	Same, plus higher-powered MSX2 range

## Specifications HB-F9P

CPU	
Processor used	Z-80A
Memory	256K bytes RAM
Main Memory	128K bytes RAM
Video Memory	128K bytes RAM
ROM	MSX2-BASIC: 48K bytes
	Built-in software: 48K bytes
CRT display	
Border area	16/512 colors
Output interface	8-pin analog RGB
	RF (UHF 36ch)
	PAL video output (6-pin DIN connector): composite video signal (color/monochrome selectable)

• This model conforms to the PAL-G standard.

• Design and specifications are subject to change without notice.

I/O interface	
Audio cassette interface	8-pin DIN jack (1200/2400 bps)
Sound generator	8-octave, 3 tones and 1 noise output
Printer interface	14-pin connector; standard 8-bit parallel
General purpose interface	Two 9-pin connectors (for Joystick, etc.)
MSX cartridge slots	Two
Calendar clock	Battery back-up
General	
Power requirements	220V AC $\pm 10\%$ , 50Hz
Power consumption	25W (max.)
Operating conditions	Temp: 5°C to 35°C / Humidity: 20 to 80%
Storage temperature	-15°C to +60°C
Dimensions (W/H/D)	Approx. 405 x 70 x 245mm
Weight	Approx. 3.3kg
Accessories supplied	RF cable (1), Operating Instructions (1)

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Printed in Japan